

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electric motor having a wound rotor and a stator,
the rotor having a rotor core mounted on a shaft, a commutator mounted on the shaft
adjacent one end of the rotor core and rotor windings wound around the rotor core and connected
to terminals of the commutator, and a fan for generating a flow of cooling air,
wherein the commutator has a base and a plurality of commutator segments fixed to the
base, each segment having a brush contact portion and a terminal and the base having a support portion
supporting the brush contact portion of the segments and a terminal portion supporting the terminals
and wherein the fan has an integral inner collar from which a plurality of fan blades extend, the collar
being circumferentially fitted to the terminal portion of the commutator.
2. (Original) The motor of claim 1, wherein the collar is fixed to the terminal portion by
complementary formations including snap-fit detents.
3. (Original) The motor of claim 2, wherein the complementary formations further
include blade like projections extending radially from the terminal portion which engage slots in the
collar to prevent circumferential movement of the collar about the terminal portion.
4. (Original) The motor of claim 3, wherein the terminal portion has a plurality of
 housings accommodating the terminals and the snap-fit detents include at least one projection
formed on each housing.
5. (Original) The motor of claim 1, wherein the terminals of the commutator segments are
insulation displacing type terminals and the terminal portion has a plurality of housings in which
the terminals and lead wires of the rotor windings are received.

6. (Original) The motor of claim 1, wherein the commutator is a cylindrical type commutator.

7. (Original) The motor of claim 1, wherein the terminal portion and the support portion of the base are two separate parts.